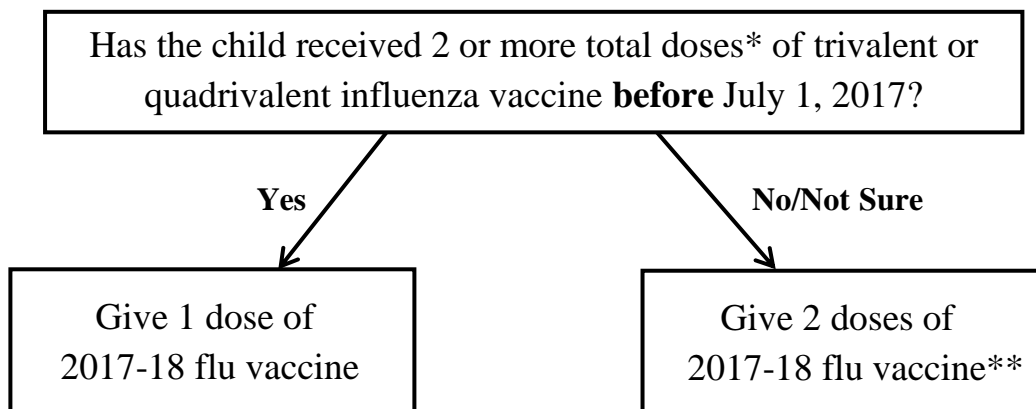


Who Needs 2 Doses of 2017-18 Seasonal Influenza Vaccine?

2017-18 Pediatric 2-Dose Algorithm for Children Aged 6 Months through 8 Years



*The 2 doses of flu vaccine do not need to have been received during the same season or consecutive seasons

**Separate 2 doses of flu vaccine by at least 4 weeks

Points to consider for the 2017-18 Influenza Season

- **LAIV4 (FluMist®) is not recommended by the Advisory Committee on Immunization Practices (ACIP) for use during the 2017-18 influenza season**
- All persons aged 6 months and older will need at least 1 dose of 2017-18 flu vaccine; some children aged 6 months through 8 years will need 2 doses of 2017-18 flu vaccine
- Children aged 6 months through 8 years who received 2 or more total doses of any trivalent or quadrivalent seasonal flu vaccine before July 1, 2017, only need 1 dose of 2017-18 seasonal flu vaccine
- If a child has not received at least 2 trivalent or quadrivalent flu vaccine doses (e.g., IIV3, IIV4, LAIV3, LAIV4, ccIIV3, ccIIV4) before July 1, 2017, administer 2 doses* of flu vaccine separated by 4 weeks
 - Doses of monovalent H1N1 vaccine do not count towards assessment; it is not a seasonal flu vaccine
 - *The same vaccine product does not need to be used for both doses; use any age-appropriate flu vaccine that is available that day (and ensure you use the correct dosage, see box below)
- When assessing a child's flu vaccine history to determine if 1 or 2 doses are needed, only review flu vaccine doses given prior to July 1, 2017 (i.e., do not include doses received during the 2017-18 flu season)
- Persons aged 9 years and older only need 1 dose of flu vaccine, regardless of previous flu vaccination history
- Influenza vaccine acronyms: Inactivated Influenza Vaccine, trivalent (IIV3) and quadrivalent (IIV4); Cell Culture-based IIV, trivalent (ccIIV3) and quadrivalent (ccIIV4); Live Attenuated Influenza Vaccine, trivalent (LAIV3) and quadrivalent (LAIV4); NOTE: not all these presentations are available in 2017-18

Remember influenza dosage is based on **age** and **flu vaccine product**¹:

- Dosage for 3 years and older is 0.5 mL regardless of flu vaccine product
- For children aged 6-35 months there are 2 licensed flu vaccine products: Fluzone® dosage is 0.25 mL, and FluLaval® dosage is 0.5 mL
 - If using Fluzone® for a child aged 6-35 months, 0.25 mL is a full dose. If the child needs 2 doses, give 2 doses of 0.25 mL separated by 4 weeks
 - If using FluLaval® for a child aged 6-35 months, 0.5 mL is a full dose. If the child needs 2 doses, give 2 doses of 0.5 mL separated by 4 weeks

¹ For more information on pediatric flu vaccine dosage, refer to "2017-18 Seasonal Influenza Vaccine Dosage for Children" at www.michigan.gov/flu. Refer to "Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the ACIP – U.S., 2017-18 Influenza Season," *MMWR*, Vol. 66(2); 1-20, 8/25/17 located at www.cdc.gov/vaccines. For more information regarding flu vaccination, refer to www.michigan.gov/flu, www.cdc.gov/vaccines, or www.cdc.gov/mmwr.